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DATE: January 2, 2007

TO:

NAME	COMPANY	FAX NO.	PHONE NO.
Commissioner for Patents	USPTO	571-273-8300	

FROM: Rudolf O. Siegesmund

SENDER INFORMATION (NAME / USER ID / EXTENSION): / /

FILE NO.: AHUG.011	NUMBER OF PAGES, INCLUDING COVER: 20
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MESSAGE:

Re: Response to Final Office Action dated 10/30/06

Application No. 10/633,471
Filed: 08/01/03
Applicant: Hughes
Examiner: Hewitt
Art Unit: 3679
Attorney Docket No. AHUG.011

Attached are:

- a. Response to Final Office Action; and
- b. Transmittal Form

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PTO/SB/21 (09-04)

Approved for use through 07/31/2008. OMB 0651-0031

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TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10633,471
Filing Date	08/01/2003
First Named Inventor	Hughes
Art Unit	23879
Examiner Name	Hawitt
Attorney Docket Number	AHUG.011

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Gordon & Rees, LLP		
Signature	<i>Rudolf O. Siegesmund</i>		
Printed name	Rudolf O. Siegesmund		
Date	January 2, 2007	Reg. No.	37,720

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Pat Milfeld</i>		
Typed or printed name	Pat Milfeld	Date	January 2, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/633,471
Applicant: Hughes
Filing Date: 08/01/2003
Group Art Unit: 3679
Title: Improved Tool Joint of Multiple Orientations

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JAN 02 2007

AMENDMENT

Mail Stop Non Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the communication from the Examiner mailed 10/30/2006, please amend the application identified above as follows:

Organization of Amendment:

Section A Claim Amendments.....2
Section B Remarks.....14